

Converting Colors

HunterLab(27.6141, -14.5846,
-20.7634)

Have a look what the booklet for
HunterLab(27.6141, -14.5846,
-20.7634) contains.

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Color

**HunterLab(29.1147, -8.6342,
-17.7521)**

Conversions

Conversions Part 1

Format	Color
Hex	005977
RGB	0, 89, 119
RGB Percent	0%, 35%, 47%
CMY	0.9999, 0.6510, 0.5333
CMYK	1.00, 0.25, 0.00, 0.53
HSL	195°, 100%, 23%
HSV	195°, 100%, 47%
XYZ	6.9021, 8.4767, 18.7251
YIQ	65.8090, -62.6740, -9.5380

Conversions

Conversions Part 2

Format	Color
RYB	0, 51, 119
Decimal	22903
CIELab	34.96, -11.04, -23.36
CIELCh	35, 25.840, 244.713
Yxy	8.4769, 0.2024, 0.2486
Android (android.graphics.Color)	4278212983 (0xFF005977)
YUV	65.8090, 26.2232, -57.7145
Hunter-Lab	29.1147, -8.6342, -17.7521

Details

The HunterLab color **29.1147, -8.6342, -17.7521** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **22.0255, 26.8769, 14.0415**, and the grayscale version is **23.2028, -1.2380, 1.2607**.

A 20% lighter version of the original color is **47.8554, -11.0682, -18.4395**, and **14.9785, -2.3047, -13.7466** is the 20% darker color. If you saturate the color by 10%, you get **29.1140, -8.6331, -17.7537**, and if you desaturate by 10%, it is **30.1065, -9.3605, -15.9832**.

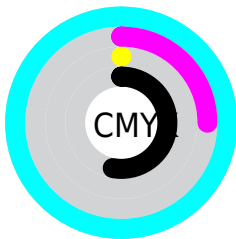
Distribution



- Red (0%)
- Green (35%)
- Blue (47%)



- Red (0%)
- Yellow (20%)
- Blue (47%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1147, -8.6342, -17.7521 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 29.1147, -8.6342, -17.7521 by changing the saturation by 10% instead.

■ 29.1147, -8.6342,
-17.7521

■ 29.1147, -8.6342,
-17.7521

■ 133.9502,
-19.3162, -20.1230

■ 20.9800, -7.3881,
-17.2400

■ 47.8417, -11.0295,
-18.6851

■ 13.7865, -6.0737,
-16.7999

■ 58.3036, -12.2066,
-19.0673

■ 7.4080, -6.8881,
-17.7566

■ 69.4333, -13.3802,
-19.3875

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.1929, -14.5548,
-19.6469

0.0000, NaN, NaN

■ 93.5504, -15.7337,
-19.8474

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.4780,

-16.9191, -19.9919

0.0000, NaN, NaN

119.9517,
-18.1129, -20.0829

29.1147, -8.6342,
-17.7521

29.1147, -8.6342,
-17.7521

29.1140, -8.6331,
-17.7537

30.1065, -9.3605,
-15.9832

31.1586, -9.8749,
-14.1834

32.3073, -10.0427,
-12.2977

33.5541, -9.8601,
-10.3361

34.8979, -9.3359,
-8.3112

■ 36.3362, -8.4863,
-6.2364

■ 37.8653, -7.3328,
-4.1240

■ 39.4808, -5.8991,
-1.9852

■ 41.1782, -4.2099,
0.1707

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.1152, -14.5447, -9.5295



29.1147, -8.6342, -17.7521



29.1152, -0.1087, -20.2614

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.1152, -8.6339, -17.7515



29.1152, 17.9365, 2.9149



29.1152, -10.8328, 12.1871

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



29.1147, -8.6342, -17.7521



22.0255, 26.8769, 14.0415

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.1152, -2.9738, 13.7417



29.1147, -8.6342, -17.7521



29.1152, 14.2062, 9.5356

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.1152, -8.6339, -17.7515



29.1152, 15.9445, -6.4263



29.1152, 6.2722, 12.9458



29.1152, -15.7010, 7.8161

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.1147, -8.6342, -17.7521



29.1152, 6.0980, -17.8641



29.1152, 6.2722, 12.9458



29.1152, -8.4911, 12.9835

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



29.1152, -8.6339, -17.7515



50.5078, -9.9458, -5.7388



36.4505, -30.3495, 19.9573



24.2427, -5.1149, -3.2657



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.1152, -8.6339, -17.7515



38.6685, -11.1384, -24.2876



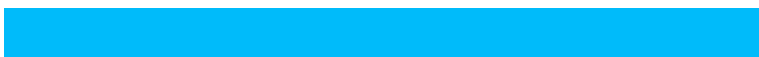
14.9950, 18.8538, -59.4390



20.0161, -1.9528, 0.1839



29.9832, -8.8617, -18.3465



65.1088, -18.0199, -42.4805

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.5489, 40.2467, -12.0218



28.7955, 53.7189, -15.5457



33.3303, 1.6611, 20.5663



19.3466, 1.1031, 0.0090



22.2070, 41.4735, -12.3425



48.8762, 91.0332, -25.2475

Previews

White Background



This preview shows how the HunterLab color 29.1147, -8.6342, -17.7521 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 29.1147, -8.6342, -17.7521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

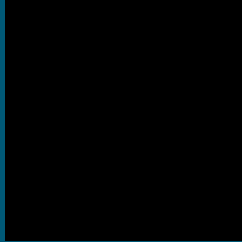
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 29.1147, -8.6342, -17.7521 Background



This preview shows how black text looks on a background with the HunterLab color 29.1147, -8.6342, -17.7521.

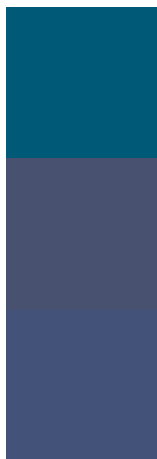


This preview shows how white text looks on a background with the HunterLab color 29.1147, -8.6342, -17.7521.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

29.1147, -8.6342, -17.7521

Protanopia

29.1437, 2.1050, -13.7879

Deuteranopia

29.2802, 1.8901, -18.5536



Tritanopia

29.2492, -14.0858, -6.1516

Trichromacy



Original Color

29.1147, -8.6342, -17.7521

Protanomaly

28.5645, -3.7979, -16.1316

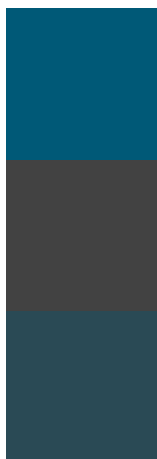
Deuteranomaly

28.8882, -3.6342, -18.7324

Tritanomaly

29.1938, -12.3085, -9.9192

Monochromacy



Original Color

29.1147, -8.6342, -17.7521

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.5880, -6.4162, -5.6852

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.1147, -8.6342, -17.7521 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 89, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 119)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 89, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 29.1147, -8.6342, -17.7521 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 89, 119) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 89, 119) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 89, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 89, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 89, 119)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.1147, -8.6342, -17.7521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 119) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 89,  
119) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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